

AN ANNOTATED LIST OF THE CERAMBYCIDÆ OF CALIFORNIA.

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(Continued from page 252.)

182. *Ipochus fasciatus* LeConte.
Taken in Southern California; common under bark of dead willow and oak. Found by Van Dyke hibernating. May 29.
183. *Monilema semipunctatum* LeConte.
Found near Cape San Lucas, Lower California.
184. *Monilema spoliatum* Horn.
Found in San Bernardino County. Taken by Wright at San Borgia, Lower California.
185. *Monilema subrugosum* Bland.
Found at San José del Cabo, Lower California.
186. *Monohammus titillator* Fabricius.
Found in the middle and northern Sierras. Taken at Donner Lake by the author, July 1-12.
187. *Monohammus maculosus* Hald.
Found in the middle Sierras. Taken from pupal chambers in bark of *Pinus ponderosa* by author. July 6. (Donner Lake).
188. *Monohammus scutellatus* Say.
Found in the Sierras. Taken by the author at Donner Lake. July 7.
189. *Ptychodes trilineatus* Linné.
Taken at San José del Cabo, Lower California.
190. *Synaphoeta guexi* LeConte.
Found in the middle Sierras and Middle California. Bred from limbs of buckeye by Rivers and myself. Bred from chestnut at Los Angeles by Van Dyke (eastern chestnut). It is collected about willows in Southern California. It also breeds in poplar. Taken by author at Calistoga, Donner Lake, and Oro Grande. May 13-July 10.
191. *Acanthoderes peninsularis* Horn.
Found at San José del Cabo, Lower California.

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192. *Lagochirus obsoletus* Thomson.
Found at Cape San Lucas, Lower California.
193. *Cænopæus palmeri* LeConte.
Taken by Wright in San Bernardino County. Breeds in *Cactus opuntia*.
194. *Cænopæus niger* Horn.
Found at El Chinche, Lower California.
195. *Leptostylus nebulosus* Horn.
Found in Washington and Nevada, and, therefore, must be present in the Sierras.
196. *Leptostylus biustus* LeConte.
Found at San José del Cabo, Lower California.
197. *Liopus crassulus* LeConte.
Bred by Schwartz from dead twigs of *Celtis texana*. Taken at Cape San Lucas, Lower California.
198. *Dectes spinosus* Say.
Breeds in stems of *Ambrosia*, especially ragweed (*artemisiæfolia*), in which the larvæ hibernate. Found in Sierra San Lazaro, Lower California.
199. *Mecotetartus antennatus* Bates.
Found at Sierra El Chinche and Cape San Lucas, Lower California.
200. *Hyperplatys californicus* Casey.
Bred by Schwartz from dry twigs of *Populus monilifera* and *tremuloides* June 3. This is the western phase of *H. aspersus* Say.
201. *Hyperplatys aspersus* Say.
Found in California. Bred from apple twigs by F. X. Smith.
202. *Acanthocinus obliquus* LeConte.
Taken by Van Dyke breeding in yellow pine. Found in the Sierras from Mt. Shasta, south of Mt. Whitney. June 18.
203. *Acanthocinus spectabilis* LeConte.
Feeds on several coniferous trees, also breeds in pine stumps and logs, particularly that of yellow pine. Taken by the author from pupal chambers in the bark of yellow pine at Donner Lake. Found in the Sierras from Mt. Shasta to the San Bernardino Mts. July 1-21.

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204. *Estola sordida* LeConte.
Found at San José del Cabo, Lower California.
205. *Peritapnia nudicornis* Bates.
Found in Sierra El Chinche, Lower California.
206. *Lypsimena californica* Horn.
Found by Van Dyke at Santa Monica, by Fall rarely at Pasadena, and by Fuchs in Yuba County.
207. *Pogonocherus crinitus* LeConte.
Bred from oak at Pasadena by Dr. Fenyès; bred from oak in Marin and Alameda Counties by Van Dyke. Found in Middle and Southern California. June 2–August 20.
208. *Pogonocherus concolor* Schaeffer.
Beaten by Pilate from *Fremontidendron*. Taken by Schaeffer in the middle Sierras.
209. *Pogonocherus oregonus* LeConte.
Found in the middle Sierras. Taken by Nunenmacher in Eldorado County; taken by Fall at Tahoe; thought by Van Dyke to breed in fir, probably also Douglas spruce. May 10–August 9.
210. *Pogonocherus californicus* Schaeffer.
Found in the middle Sierras; taken by Van Dyke in Placer County; taken by Blaisdell in Calaveras County; taken by Schaeffer in Tulare County. June 6.
211. *Pogonocherus volitans* LeConte.
Found at Cape San Lucas, Lower California.
212. *Ataxia setulosa* Fall.
Found in Lower California.
213. *Saperda hornii* Joutel.
Taken at Los Angeles, Northern California, and the Sierras. Taken from willow by Van Dyke and Rivers.
214. *Saperda populnea* Linné.
Found in Northern California and as far south as Los Angeles. Feeds on poplar. Taken by author by beating poison oak bushes at Felton, Santa Cruz County. July 1-4.
var. *tulari* Felt & Joutel.
Taken in Merced and Tulare Counties.
215. *Mecas inornata* Say.
Breeds in the stems of the false sunflower and in *Helianthus tuberosus*.

216. *Oberea schaumii* LeConte.
Found in various parts of California, more common in the Sierras; breeds in willow and cottonwood, taken by Van Dyke in the Sierras, breeding in live twigs of the latter.
217. *Tetraopes elegans* Horn.
Taken at San José del Cabo, Lower California.
218. *Tetraopes femoratus* LeConte.
Taken in Sierras. May 11-June 17. Very common at times on milkweed.
var. *manicus* LeConte.
Common in Southern California on milkweed.
var. *basalis* LeConte.
Common throughout the Sierras on milkweed.
var. *oregonensis* LeConte.
Found in northern Sierras on milkweed.
219. *Lianema tenuicornis* Fall.
Found at El Taste, Lower California.
220. *Idæmea fulleri* Horn.
Reported from the southern part of the State. *I. californica* is, however, the one most probably seen in this State.
221. *Idæmea californica* Fall.
Beaten by Fall from live oak at Pasadena in June; others taken by Fall at light; several taken by Van Dyke on the sea shore at Santa Monica.
222. *Styloxus lucanus* LeConte.
Found in Lower California.
223. *Methia æstiva* Fall.
Found around electric lights at Pasadena.
224. *Dysphaga debilis* Horn.
Found at San José del Cabo, Lower California.
- ADDITIONS TO LIST.
225. *Mallodon molarium* Bates.
Found at San José del Cabo, Lower California.
226. *Acyphoderes delicatus* Horn.
Found at El Taste, Lower California.

There are four species in the list which were given separate numbers which may be either synonyms or varieties (84-85, 131, 156, 199). Therefore, there are 178 unquestioned species confined to California, 10 present both in California and Lower California, and 43 confined to Lower California.